

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

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August 12, 2003

FROM: KEN A. MILLER, Director
Department of Public Works – **Flood Control**

**SUBJECT: AMENDMENT NO. 2 TO CONTRACT NO. 02-325 WITH AEI-CASC
ENGINEERING TO PROVIDE PROFESSIONAL DESIGN SERVICES FOR
RIALTO CHANNEL, CITY OF RIALTO**

RECOMMENDATION: Acting as the governing body of the Flood Control District (District), approve Amendment No. 2 to Contract No. 02-325 with AEI-CASC Engineering (AEI-CASC) increasing the amount by \$144,099 to a total of \$499,114 for additional professional design services along Rialto Channel.

BACKGROUND INFORMATION: Because of the proposed I-210 Freeway construction project, additional water flows will be discharged into the Rialto Channel. As a result, the channel will need to be improved to accommodate the increased flow. Therefore, on May 7, 2002, the Board approved Contract No. 02-325 with AEI-CASC in the amount of \$342,768 to provide professional engineering services for the design and preparation of plans and specifications for the improvement of twelve road and railroad crossings in the reach of Rialto Channel from Bloomington Avenue to Cactus Basins, a distance of about 11,500 feet. AEI-CASC was awarded this contract after a Request for Proposal process. AEI-CASC was selected on the basis of being the best qualified, most experienced and submitting the lowest cost proposal. Amendment No. 1 was approved on September 17, 2002 in the amount of \$12,247 to include additional surveying services at Rialto Channel.

The existing earth-graded channel between Willow Avenue (4,100 feet south of Bloomington Avenue) and Cactus Basins is not adequately sized to convey 100-year flows. The contract with AEI-CASC was originally approved to provide only for the design of the street and railroad crossings because of the lack of available construction funds at that time. With additional funding now available, Amendment No. 2 will allow for the completion of the design of the entire reach of Rialto Channel between Willow Avenue and Cactus Basins, a distance of about 15,600 feet.

Since AEI-CASC has prepared a hydraulic analysis and preliminary ultimate design for Rialto Channel and because of their experience and understanding of the project needs, the District recommends amending the existing contract to include the design and preparation of plans and specifications for the additional work on Rialto Channel. District staff has deemed AEI-CASC's costs to be fair and reasonable in respect to the level of service to be performed.

Record of Action of the Board of Supervisors

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REVIEW BY OTHERS: This item was reviewed by Chief Deputy County Counsel Rex A. Hinesley on July 18, 2003 and by the County Administrative Office (Tom Forster, Administrative Analyst) on July 24, 2003.

FINANCIAL IMPACT: The cost of additional professional services is \$144,099, for a total Project cost of \$499,114. Appropriations for this amendment are available in the District's FY 2003/04 budget.

COST REDUCTION REVIEW: The County Administrative Officer has reviewed this item and concurs with the Department's recommendation based on the need to provide adequate flood protection for residents of the Rialto area.

SUPERVISORIAL DISTRICT(S): 5th

PRESENTER: Ken A. Miller, 387-7906

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